

FIG. 1

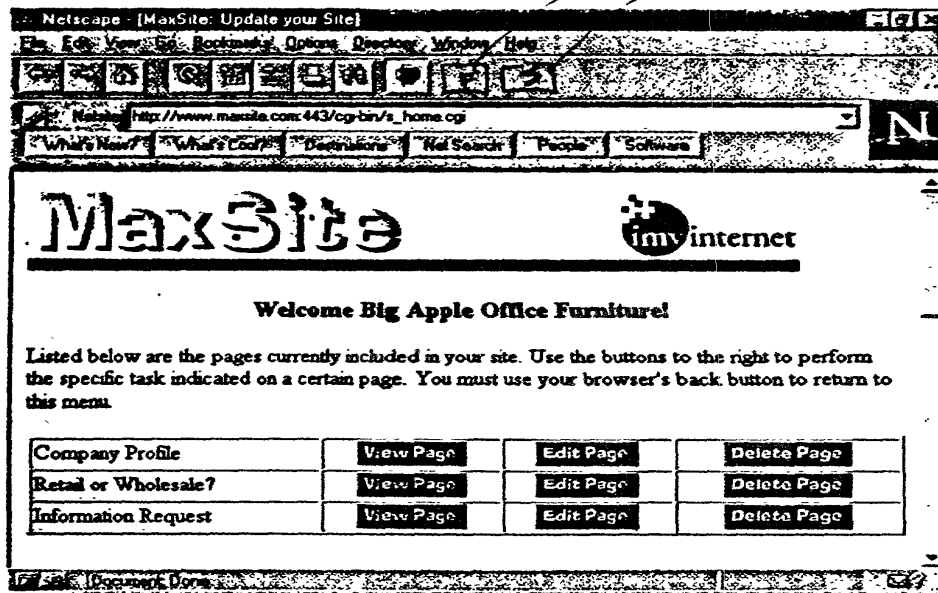


FIG 1A

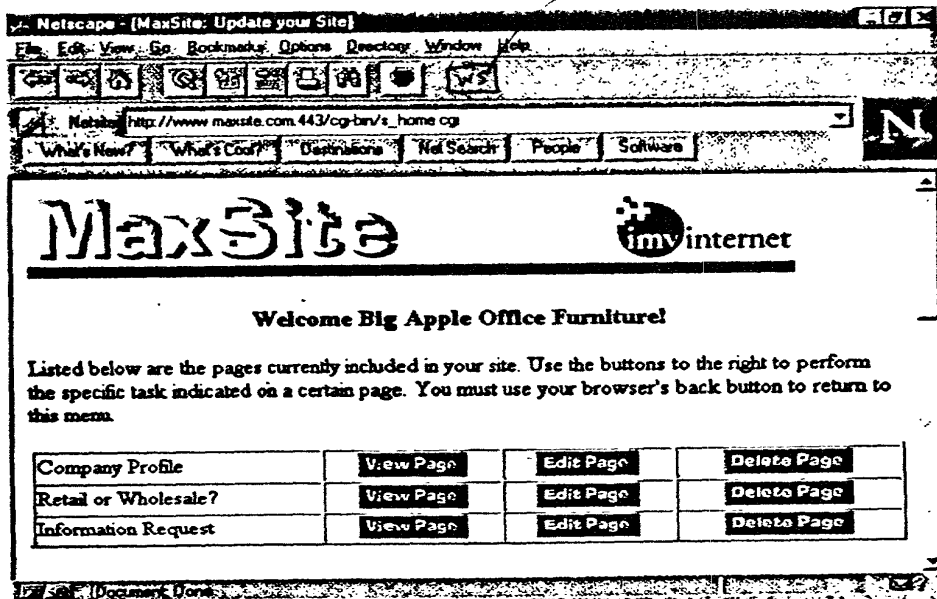


FIG 1B

I P/S N	Registrant's NAME	Product Description	Uniform Resource Locator (URL)	Trade/Service Marks	E-mail Address	Status
7/18908/17674/0	Apple Computer, Inc. Cupertino, Calif.	Power Mac 7600/120 Personal Computer	http://www._____/	Power Mac.		
0/373/100/6	Pocket Gamble	Toothpaste	http://www._____/	CREST		
3/12547/68404/0	Warner Welcome	acid reducer	http://www._____/	Zantac, Zantac 75		
0/00005/17673/4	Kodak, Inc.	Film Processing	http://www._____/	Kodak		
0/27242/91057/9	Sony, Inc.	Personal Computer	http://www.Sony.com/pc	Sony		
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Information structure of Relational
Database realised as a
IFS directory server

FIG. 2A1

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FIG. 2A2

I P/S N	Registrant's NAME	Product Description	Trade/Service marks	e-mail Address	Status
7/05089/37460/7	Netscape Communications Corp.	Internet Navigator	Netscape, Navigator		
0/30000/0/020/4	Quaker Inc.	Oatmeal	Quaker		
0/496/390/1	Coca Cola, Inc.	Cola Soda	Coca-Cola, Coke		
0/7599/24245/2	Warner Bros.	Pat Metheny Audio CD	Geffen		

Information structure of Relational Database Realized above
 IIS Directory Server

FIG. 2B

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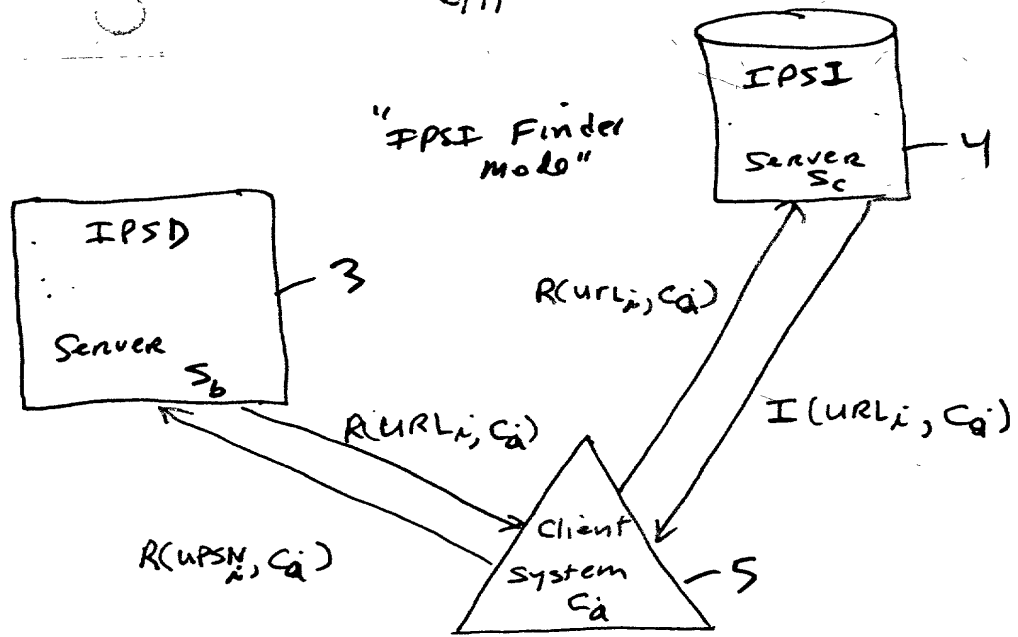


FIG. 3A

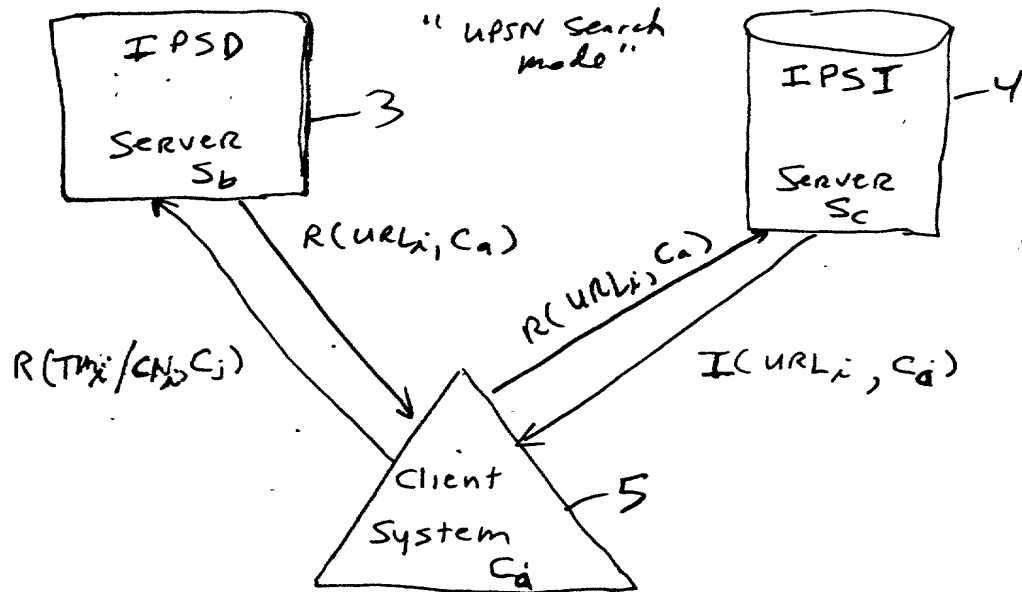
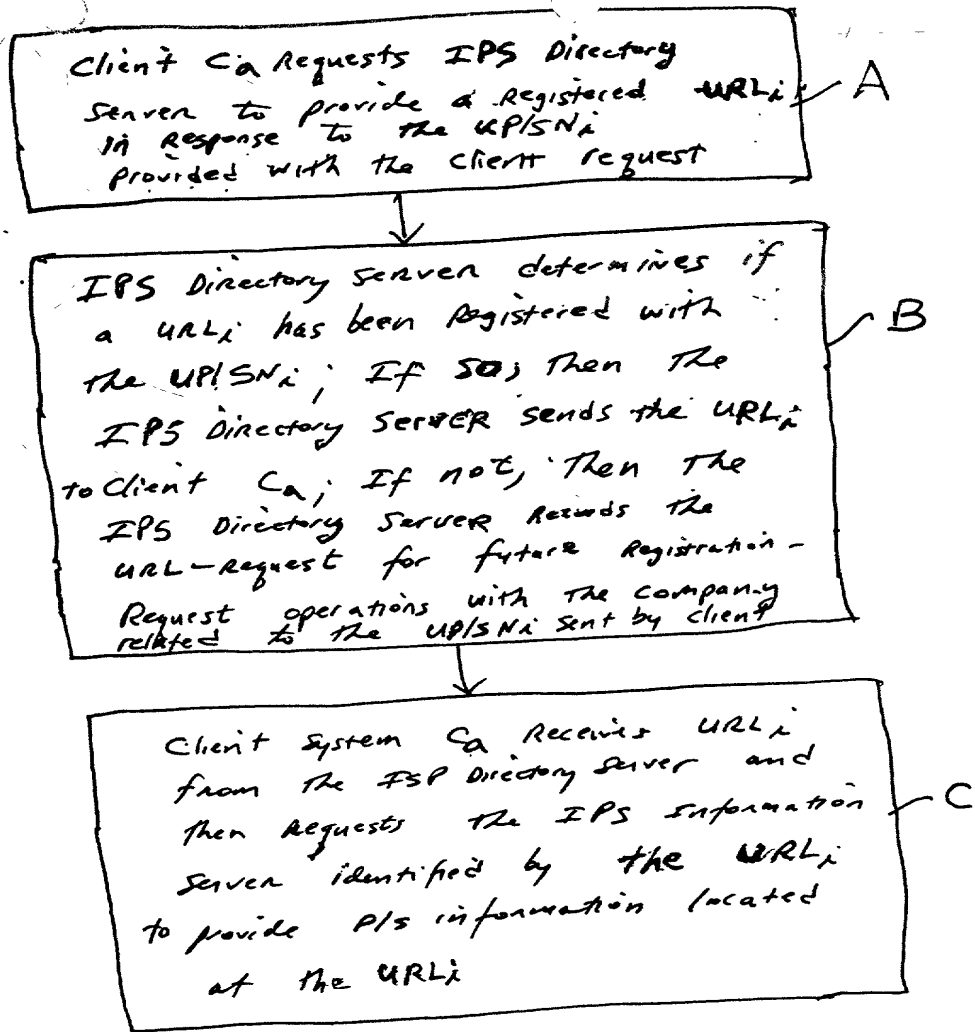


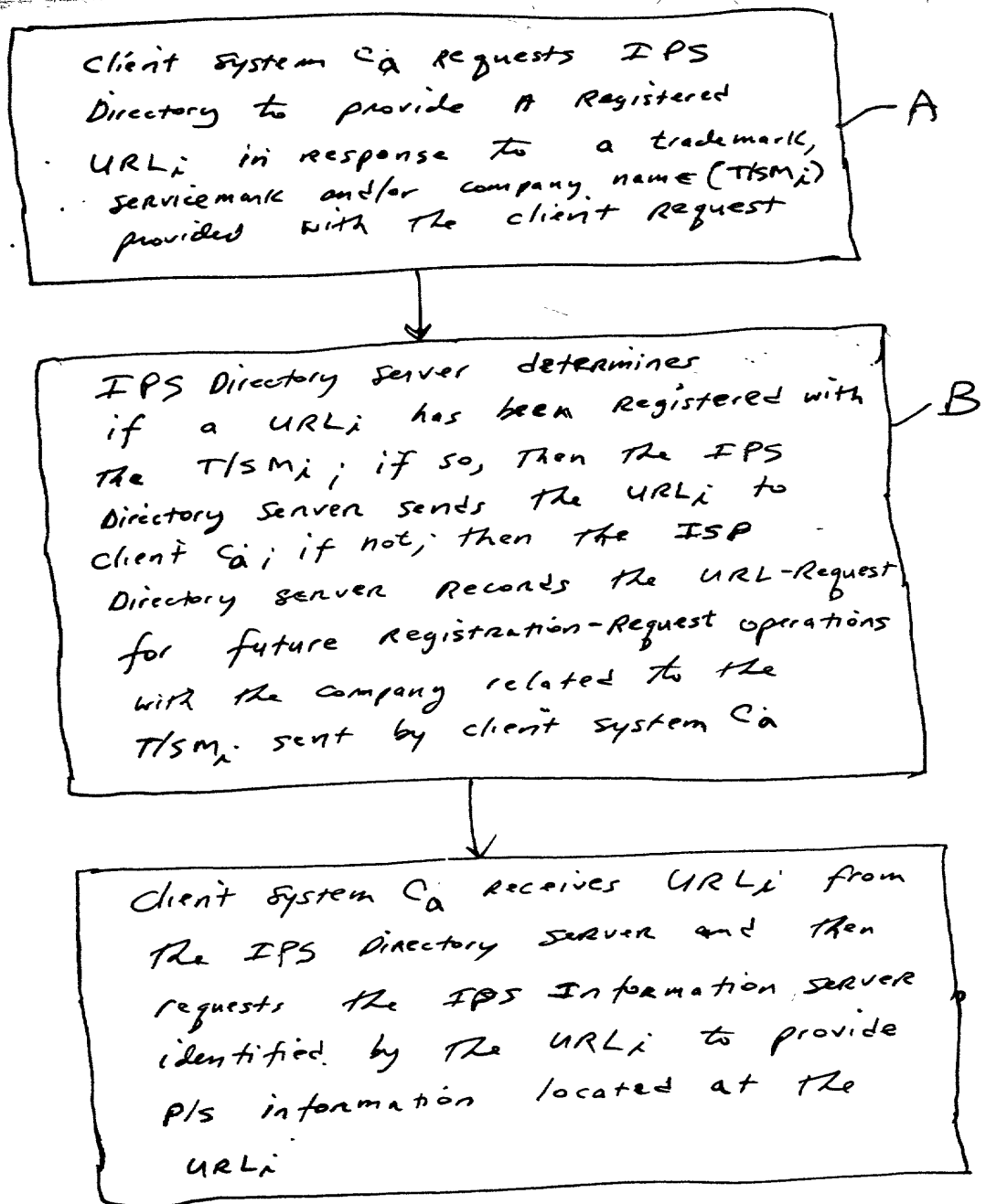
FIG. 3B

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"IPSI Finder Mode"
(Fig. 3A)

FIG. 4A



"URL Search mode"

(Fig. 3B)

FIG. 4B

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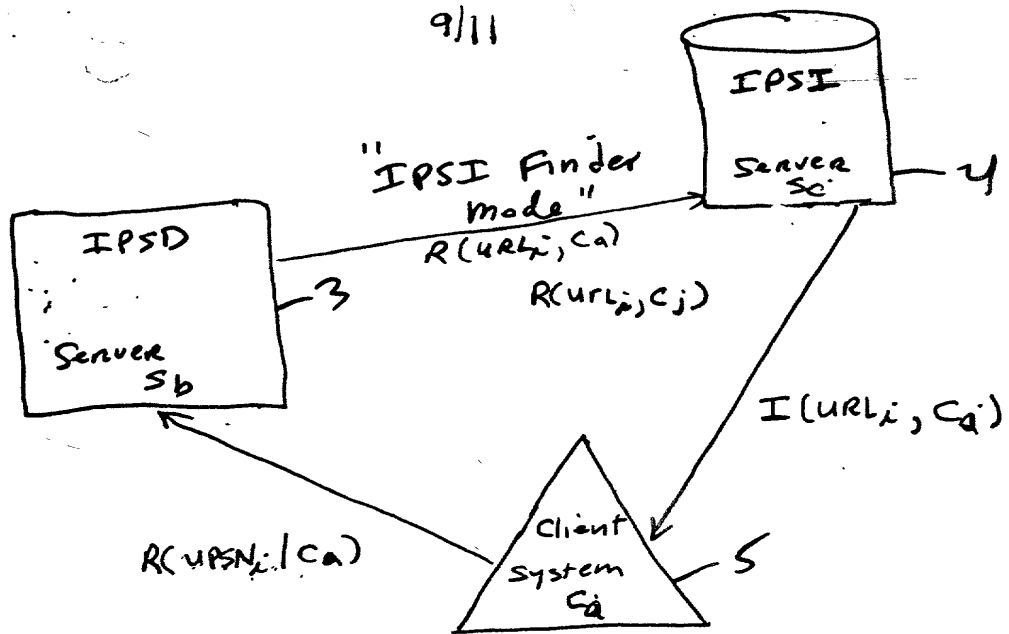


FIG. 5A

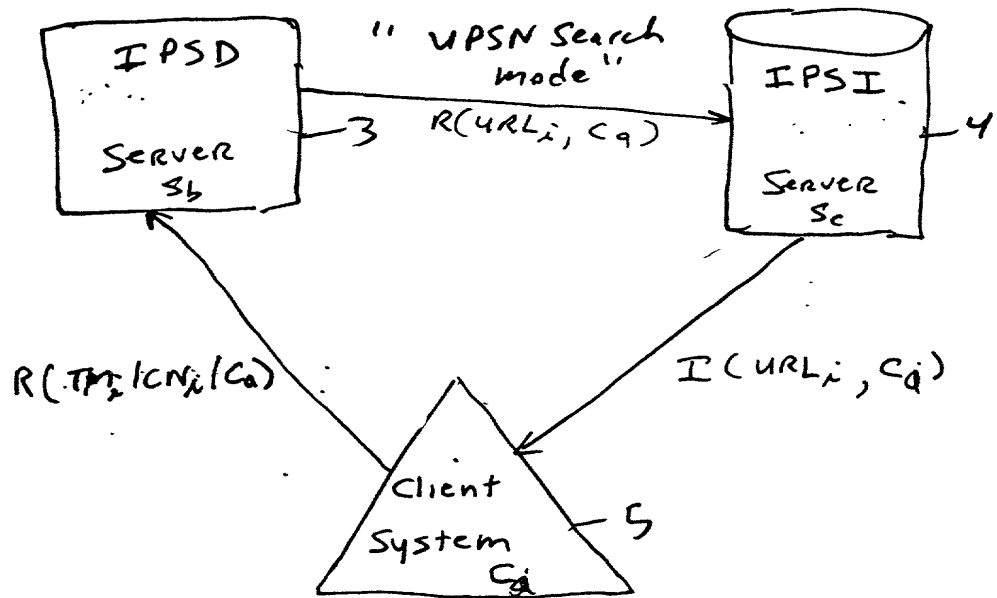


FIG. 5B

Client C_a requests IPS Directory Server to provide a registered URL_i in response to the UP/SPN_i provided with the client request

A

IPS Directory Server determines if a URL_i has been registered with the UP/SPN_i ; If so, then the IPS Directory Server sends the IPS Information Server hosting the URL_i , a request for the IPS Information Server to send PIS information at the URL_i to the client system C_a ; If not, then the IPS Directory Server records the URL-Request for future registration-request operations with the company related to the UP/SPN_i sent by the client system C_a

B

The IPS Information Server receives the URL_i from the IPS Directory Server and then provides the PIS information identified by the URL_i to the client system C_a

C

"IPSI Finder Mode"

(Fig. 5A)

FIG. 6A

Client C_A requests IPS Directory Server to provide a registered URL_i in response to a trademark, servicemark and/or company (T/SM_i) provided with the client request

IPS Directory server determines if a URL_i has been registered with the T/SM_i; if so, then the IPS Directory Server sends the IPS Information Server hosting the URL_i, a request for the IPS Information server to send P/S information at the URL_i to the client system C_A; if not, then the IPS Directory Server records the URL-request for future registration-request operations with the company related to the URL/SM_i sent by the client system C_A.

The IPS Information server hosting the URL_i receives the request from the IPS Directory server and then provides the P/S information identified by the URL_i to the client system C_A

"UPISN Search Made"
(Fig. 5B)

FIG. 5B